

1/22

Figure 1

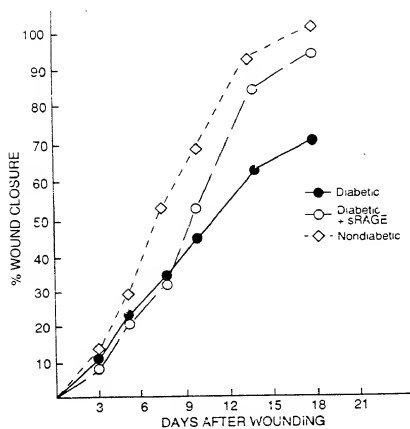


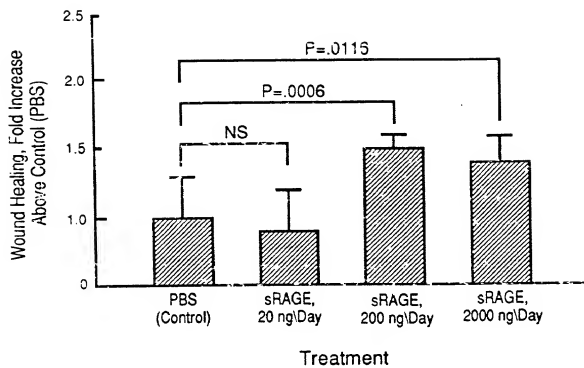
Figure 2

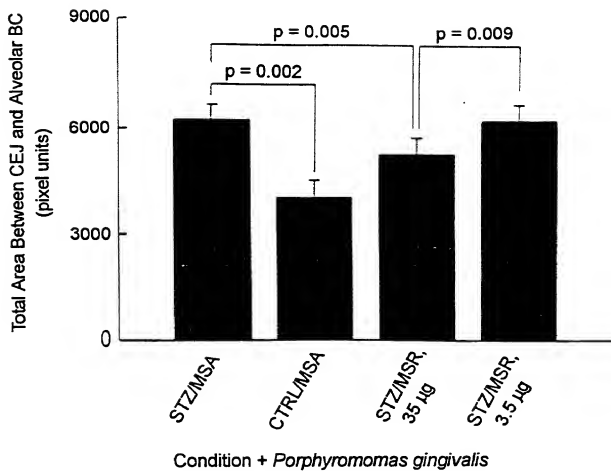
Figure 3

Figure 3A

Figure 3B


$$\frac{1}{\rho} \frac{d\rho}{dt} = \frac{1}{\rho} \frac{d\rho}{d\tau} \frac{d\tau}{dt} = \frac{1}{\rho} \frac{d\rho}{d\tau} \frac{1}{\gamma} = \frac{1}{\gamma} \frac{1}{\rho} \frac{d\rho}{d\tau}$$

Figure 4



5/22

Figure 5

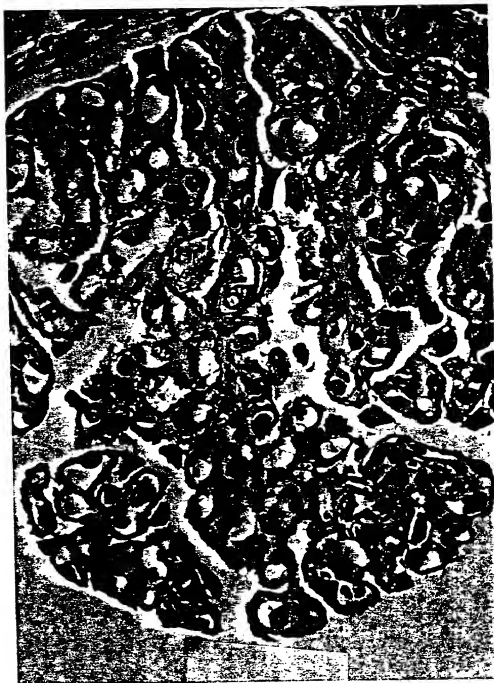
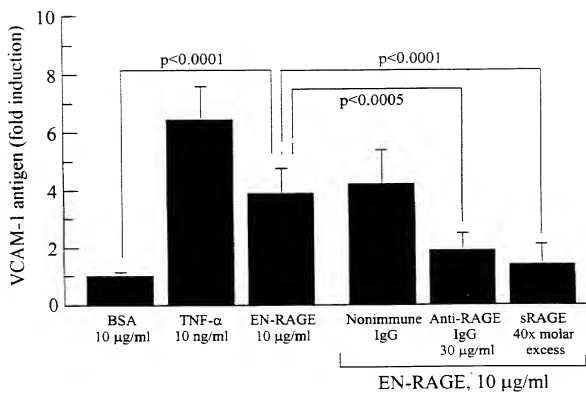


Figure 6

7/22

Figure 7

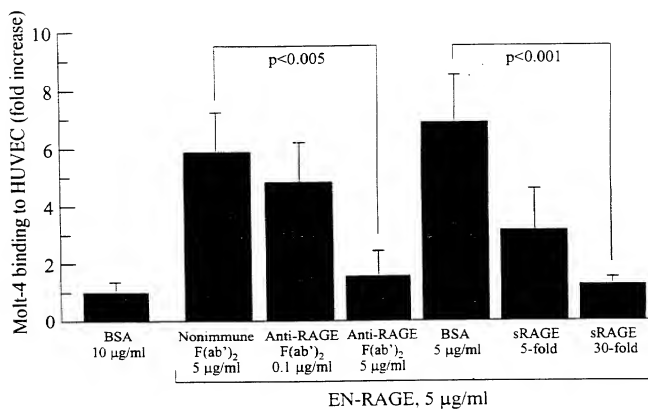
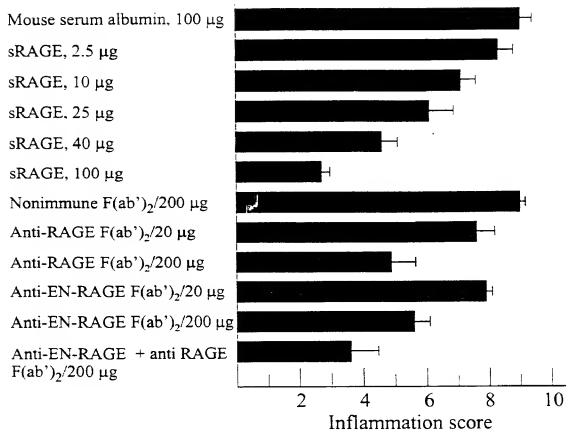


Figure 8

9/22

Figure 9

ATGACTAAGCTGGAGGACCACCTGGAGGGAATCATCAACATCTTC
CACCAGTACTCCGTTCCGGTGGGGCATTCGACACCCTCAACAAG
CGTGAGCTGAAGCAGCTGATCACAAAGGGAACCTCCCAAAACCCCT
CCAGAACACCAAAGACCAACCTACCATTGACAAAATATTCCAAGA
CCTGGATGCCGATAAAGACGGAGCCGTCAGCTTTGAGGAATTTCGT
AGTCCTGGTGTCCAGGGTGCTGAAAACAGCCACATAGATATCCA
CAAAGAGTAGGTTTCCAGCAATGTTCCCAAGAAGACTTACCCTTCT
CCTCCCTGAGGCTGCTCCCCGAGGGAGAGAGAATTATAAACGTAC
TTTGGCAAATTCTTAGCAAAAAA

10/22

Figure 10

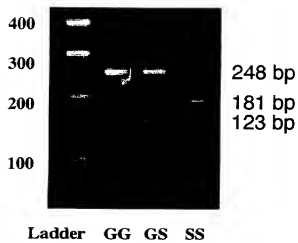
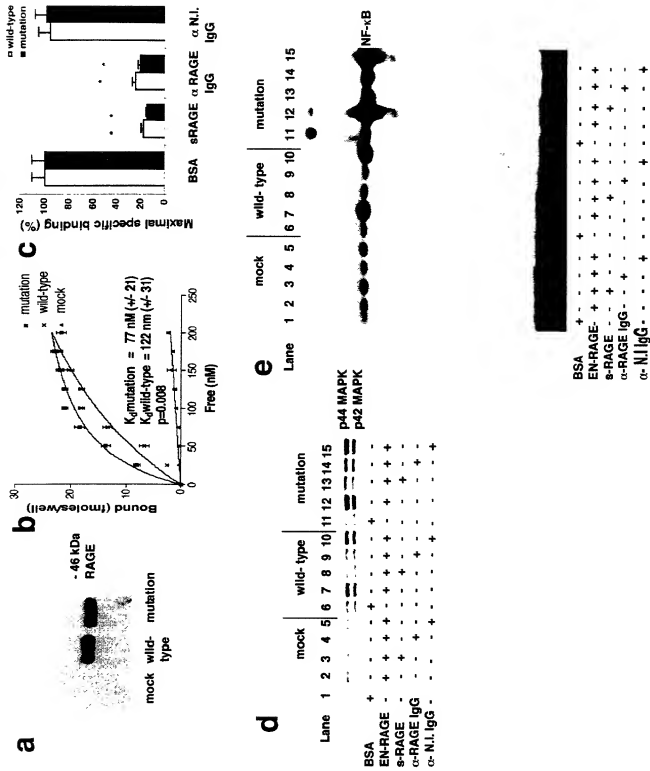


Figure 11



12/22

Figure 12

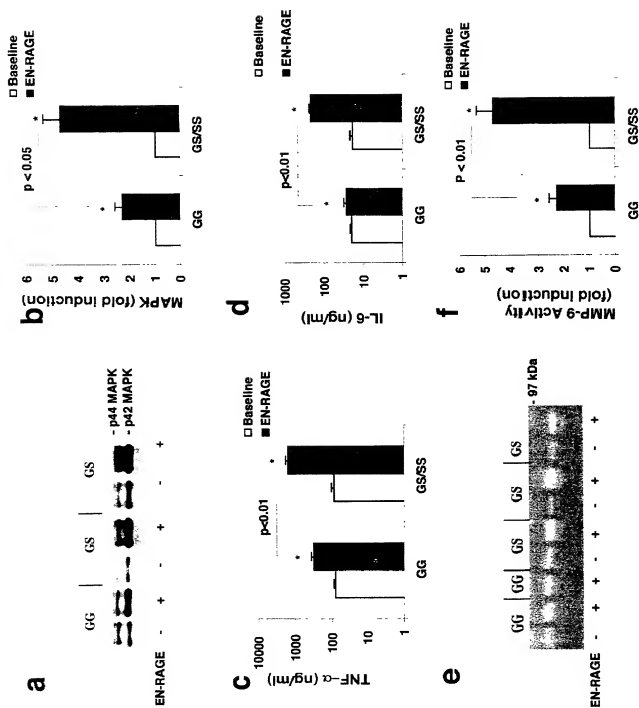


Figure 13

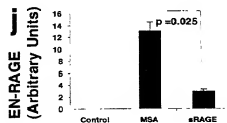
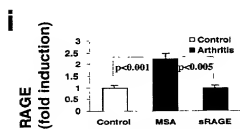
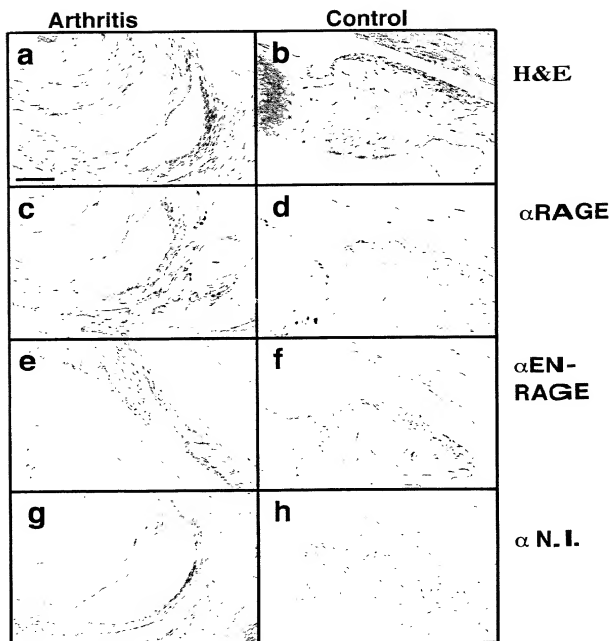


Figure 14

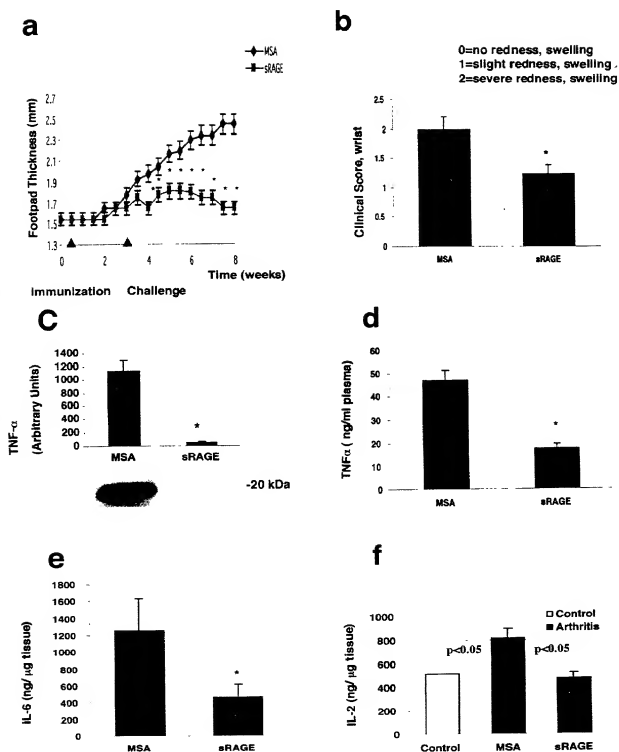
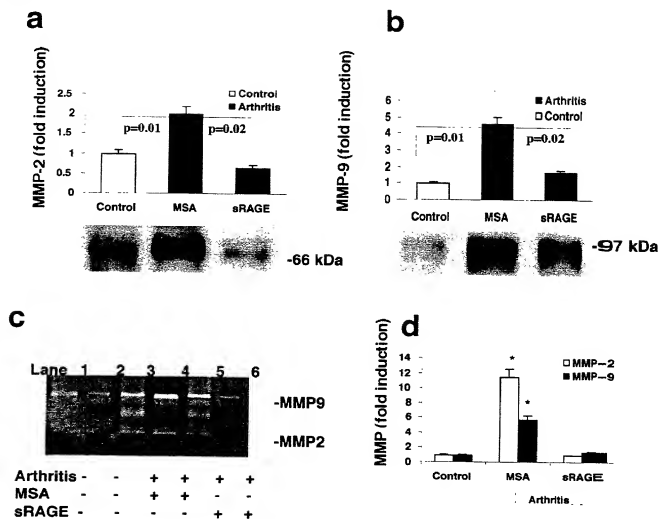


Figure 15

Figure 6



16/22

Figure 16



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17/22

Figure 17

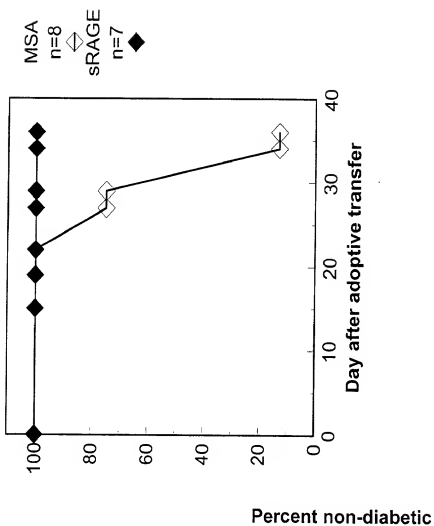


Figure 18

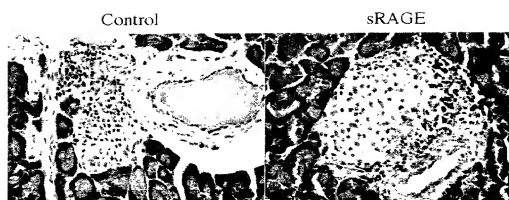
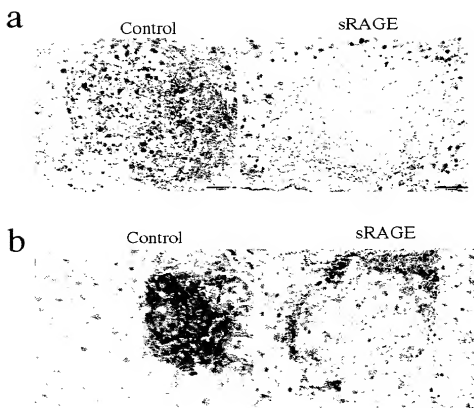


Figure 19

20/22

Figure 20

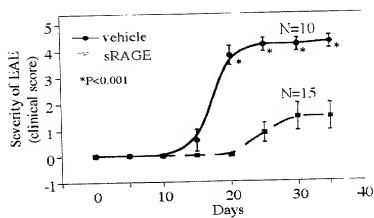


Figure 21



Figure 22